

Question 1:

Score: 2/2

In operating systems, guarding the user's data and programs against interference by other authorised users of the system is referred as:

- ☒ Protection ✓
- ☐ Safety
- ☐ Security
- ☐ Shielding

Question 2:

Score: 2/2

There are two types of CPU scheduling, pre-emptive and non-preemptive.

- ☒ True ✓
- ☐ False

Question 3:

Score : 2/2

Which of the following algorithms consider this rule: 'The process that requests the CPU first is allocated the CPU first'?

- ☐ Multilevel feedback queue
- ☐ Shortest Job First
- ☐ Priority Scheduling
- ☒ First Come First Serve ✓

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Question 4:

Score : 2/2

A type of memory address that identifies the actual physical location of a specific data element in memory is known as:

- ☒ Physical address ✓
- ☐ Symbolic address
- ☐ Logical address
- ☐ Variable address

Question 5:

Score : 2/2

A process state in which the process is loaded into the main memory and waiting to be assigned to the processor is known as:

- ☐ Waiting state
- ☐ New state
- ☐ Running state
- ☒ Ready state ✓

Question 6:

Score : 2/2

Which type of memory address is generated by the CPU?

- ☐ Physical address
- ☒ Logical address ✓
- ☐ Symbolic address
- ☐ Assembly address

Question 7:

Score : 2/2

A memory management technique where the job is divided into several segments of different sizes is called:

- ☐ Frames
- ☐ Paging
- ☒ Segmentation ✓
- ☐ Blocks

Question 8:

Score : 2/2

A method of deciding which process will own the CPU for execution while the other process is on hold refers to:

- ☐ Cache memory
- ☒ CPU scheduling ✓
- ☐ Memory hierarchy
- ☐ Virtual Memory Management

Question 9:

Score : 2/2

The interface between the user and the computer is referred as:

- ☒ Operating system ✓
- ☐ Hardware
- ☐ Memory
- ☐ Central Processing Unit

Question 10:

Score : 2/2

Which of the following is a hardware device used to map the logical address to its physical address in the main memory?

- ☒ Memory Manager Unit ✓
- ☐ Cache memory
- ☐ Central Processing Unit
- ☐ Virtual memory